

Online Appendix Material

Full citation

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The following pages contain two separate appendices. Appendix A contains detailed information on our empirical models, including the variables, samples, and differences between our results and Acemoglu, Johnson, and Robinson's (AJR hereafter) results¹. Appendix B contains two tables of supplementary analyses.

Appendix A: Variables, Sample, and Replication

This appendix is divided into three parts. In Section 1 we describe the sources for all variables used in the empirical analyses. Section 2 lists all countries employed in our empirical analyses. Section 3 discusses the specific differences between our results and AJR's original analyses.

1) Variables

Variables Coded Directly from AJR:

Wherever possible, we have used AJR's published data appendices to construct the dataset employed in our empirical analysis.

The following variables are coded directly from AJR's (2001) data appendix:

Expropriation Risk
Log European Settler Mortality
Log GDP per capita in 1995

¹ Daron Acemoglu, Simon Johnson, and James A. Robinson, 'The Colonial Origins of Comparative Development: An Empirical Investigation', *American Economic Review*, 91 (2001), 1369-1401; Daron Acemoglu, Simon Johnson, and James A. Robinson, 'Reversal of Fortune: Geography and Institutions in the Making of the Modern World Income Distribution', *Quarterly Journal of Economics*, 117 (2002), 1231-1294.

The 41 countries they list in the appendix for *Urbanization* are listed below:

- | | |
|------------------------|-------------------|
| 1. Algeria | 22. Indonesia |
| 2. Argentina | 23. Jamaica |
| 3. Australia | 24. Lao PDR |
| 4. Bangladesh | 25. Malaysia |
| 5. Belize | 26. Mexico |
| 6. Bolivia | 27. Morocco |
| 7. Brazil | 28. New Zealand |
| 8. Canada | 29. Nicaragua |
| 9. Chile | 30. Pakistan |
| 10. Colombia | 31. Panama |
| 11. Costa Rica | 32. Paraguay |
| 12. Dominican Republic | 33. Peru |
| 13. Ecuador | 34. Philippines |
| 14. Egypt, Arab Rep. | 35. Singapore |
| 15. El Salvador | 36. Sri Lanka |
| 16. Guatemala | 37. Tunisia |
| 17. Guyana | 38. United States |
| 18. Haiti | 39. Uruguay |
| 19. Honduras | 40. Venezuela |
| 20. Hong Kong, China | 41. Vietnam |
| 21. India | |

In their 2001 appendix, AJR report *Expropriation Risk* data for all of these countries except Belize and Laos. As noted in the above discussion regarding the instrument *Population Density*, Belize and Laos have never been included in the data source for *Expropriation Risk*. Therefore, our models using *Urbanization in 1500* report an $N = 39$, instead of the 41 observations AJR (2002) describe. It is unclear how the authors obtain 41 observations instead of 39.

3) Replication Differences

Finally, we discuss the slight differences between our reported results and AJR's published results which we attempted to replicate. In the case of our replications of their 2002 paper (Panels A and B in Figure 1, and Table 3), the difference is presumably attributable to the change in sample size, described above. Without knowing exactly how AJR obtained the samples they reported, we are simply left with the results we present. However, as we note in the text, our results are very close to the original AJR results and have all the same substantive and statistical interpretations.

Our replications of the 2001 paper (Panel C in Figure 1 and Figure 2, and Table 4) use an identical sample size as AJR. As we note, the results we report in the manuscript cluster the standard errors on mortality rates, which AJR do not do in their analyses. Given this, the standard errors will differ. There are also very slight differences between estimated coefficients. While it is difficult to know exactly why these small (and inconsequential) differences in coefficients arise, we suspect it is related to the values of *Log European Settler Mortality*. Specifically, it appears as though the reported values of settler mortality in AJR's appendix differ slightly from those that they actually employ in the analyses. AJR's descriptive statistics table (2001, Table 1, p. 1377) claims that the settler mortality variable has a mean of 4.7 and a standard deviation of 1.1. When we calculate the descriptives for this variable (coded directly from their published appendix), we get a mean of 4.6 and a standard deviation of 1.25. It is possible that AJR's empirical analyses relied on slightly different values of settler mortality than they report in the data appendices. Although this did not affect our ability to replicate their substantive findings, this may account for the very slight differences in our replication efforts.

Appendix B: Supplementary Tables

The following tables correspond to footnotes throughout the manuscript.

